Distribution box model specifications and dimensions



Overview

Distribution Boxes Technical Data PDF fileJXF Series Power Distribution BoxJXF Series Power Distribution Box product is box assembled with various control.

Key Takeaways

Distribution boxes vary by model, number of ways, dimensions, cable lengths, and protection ratings, with options for industrial and automation applications.

General Specifications

Distribution boxes are designed to centralize connections for M8, M12, or M16 connectors, providing efficient cable management and secure power/data transmission. Key features include: Protection Rating: IP67 for dust and water resistance, oil-resistant, vibration-resistant for industrial environments. Material: UL-compliant plastics or metals suitable for harsh conditions.

Ports: 4, 6, or 8 ports, single or dual pre-wired configurations. Indicators: LED indicators for power and function status. Cable Lengths: Standard lengths of 1M, 2M, 3M, 4M, 5M, and 10M; custom lengths available on request.



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Customization: Labels, coding, pre-wires with high-flex cables for moving applications. Model Dimensions and Number of WaysModelNumber of WaysLength (mm)Width (mm)Height (mm)Mounting SizeTOP-TS1–12VariesVariesVariesStandard DIN or panel mount TOP-TF1–24VariesVariesVariesStandard DIN or panel mount TOP-LS1–18VariesVariesVariesStandard DIN or panel mount TOP-PS1–36VariesVariesVariesStandard DIN or panel mount TOP-PF1–36VariesVariesVariesStandard DIN or panel mount TOP-S1–36VariesVariesVariesStandard DIN or panel mount Note: Exact dimensions depend on the number of ways and model type. Refer to manufacturer datasheets for precise measurements.

Industrial Enclosure Options

Low Voltage Switchboards: Enclosures range from 65 x 65 mm up to 361 x 254 mm with multiple cover heights. Heavy Duty Enclosures: Designed for chemical resistance, glow wire tested, and suitable for harsh industrial environments.

Summary

Distribution boxes are available in multiple models and sizes to accommodate 1-way to 36-way configurations. They provide IP67-rated protection, pre-wired ports, LED indicators, and flexible cable lengths. Selection depends on the number of ways, mounting requirements, and environmental conditions.

For detailed dimensions and mounting specifications, consult the manufacturer's catalog or datasheet for the specific model.

Article Content

Distribution Boxes Technical Data

PDF file

JXF Series Power Distribution Box

JXF Series Power Distribution Box product is box assembled with various control functions by customer-selected components, and there are many box sizes and specifications and the size of

Distribution Box

Plastic Electrical Box, also known as a consumer control unit or electricity control

Distribution box | PDF

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This document provides specifications for various types of plastic distribution boxes, including their dimensions and features. It describes HA, HK, and LGD series boxes with dimensions ranging from

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars, earth bars, RCDs, RCBOs, SPDs, enclosure ratings, and wiring layout.

Distribution Box

Our distribution boxes are perfect for industrial environments, catering to automation, robotics, and processing facilities. They provide cost-effective solutions through automated dispensing and

Distribution Box Specifications And Models

There are many specifications and models of Distribution box. The following are some common specifications and models of distribution boxes and

Distribution Box

12 Way Three Phase Distribution Board is where the electrical supply is distributed from within the building. The main supply cable comes into the board and is then distributed to the breakers and

Standard specifications for distribution boxes default

This document provides specifications for various types of plastic distribution boxes, including their dimensions and features. It describes HA, HK, and LGD series

Electrical Control Panels & Distribution Boxes: Sizes,

Introduction Electrical control panels and distribution boxes are the backbone of modern electrical systems. From powering homes and industrial

Distribution Boards & Consumer Units

Distribution boards, together with modular ABB system pro M Compact protection devices and Modular Din Rail Components, can be used for many applications in electrical building installation. Solutions

Distribution Box

Distribution Box Space and cost saving solution Amphenol LTW''s distribution boxes facilitate efficient cable management, easy installation with pre-wired configuration, and provides a centralized

TECHNICAL SPECIFICATION I.R.O. 63,100,160 & 315 KVA

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1. SCOPE: This Specification covers the design, manufacture, testing at works and supply of Distribution Boxes made out of CRCA MS for controlling the L.T. feeders from the L.T. side of Distribution

Distribution Box Specifications And Models

3. Other common distribution boxes XL, GXL series: Low-voltage distribution cabinets, commonly used in construction sites and other places. PXT

Distribution Boards

Mirage sub-main distribution boards have been designed for easy handling and quick, simple installation

CATALOGUE Distribution Board Formula Version

Formula Version ABB''s series of standard distribution boards have been designed to make it easy for you to achieve cost-effective and safe electrical installations in apartments, single-family house,

SELECT YOUR DISTRIBUTIONSYSTEM

Distribution is an essential function for the electrical panels, as well as for control and circuit protection. As well as purely technical factors (intensity, number of outputs, etc.), the choice of a distribution

MNS® Low Voltage Distribution Board and Power Cabinet

Technical Info — From the sub distribution to factory power supply, from the general industry to the marine, nuclear power plant, MNS® power distribution box can provide high security, high reliability

XL -N 630 3-phase distribution boards XL -N 630 3-phase ...

Extension boxes To be installed on XL3-N 630 distribution boards (at the top or at the bottom) for extra wiring space or additional functions.

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